

LISTING OF CLAIMS

Claims 36 – 47: canceled

Claims 48 – 67: new

TEXT OF CLAIMS CURRENTLY UNDER EXAMINATION

48. (new) A redispersible copolymer powder comprising a copolymer obtained by drying a stable aqueous dispersion, said aqueous dispersion comprising a copolymer having one or more reactive functional groups, said copolymer being polymerized from at least one cationic unsaturated monomer and at least one non-cationic unsaturated monomer, characterized in that the copolymer powder is redispersible in water.
49. (new) The redispersible powder of claim 48, wherein said copolymer is polymerized in situ in the presence of a seed polymer.
50. (new) The redispersible powder of claim 48 wherein the copolymer powder comprises latex particles having a heterogeneous morphology.
51. (new) The redispersible powder of claim 50 wherein said latex particles have an average diameter of from 30 to 1000 nm.
52. (new) The redispersible powder of claim 50 having a core-shell morphology comprising a hydrophilic inner phase and a hydrophobic outer phase.
53. (new) The redispersible powder of claim 48 wherein said reactive functional groups are selected from the group consisting of hydroxyl, carboxyl, carboxyl ester, amino, ammonium, amide, silane, epoxide, carbonyl, formamide, acetamide, succinimide, epichlorohydrin, and mixtures thereof.

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54. (new) The redispersible powder of claim 48 wherein said cationic functional monomer copolymer comprises 1 to 30 percent by weight of said copolymer.

55. (new) The redispersible powder of claim 48 wherein said copolymer is formed from 10 to 100 percent by weight of monomers containing a reactive functional group.

56. (new) The redispersible powder of claim 48 wherein said cationic monomer comprises a quaternary ammonium group.

57. (new) The redispersible powder of claim 48 wherein said reactive functional groups are activated following a redispersion by a change in the pH of the redispersion.

58. (new) The redispersible powder of claim 48 wherein said reactive functional group comprises at least one protonated group which is deprotonated by raising the pH-value of the redispersion.

59. (new) The redispersible powder of claim 48 wherein said non-cationic monomer comprises an anionic monomer.

60. (new) The redispersible powder of claim 48 wherein said aqueous dispersion comprises less than 2.5% by weight of emulsifier.

61. (new) The redispersible powder of claim 60 wherein said aqueous dispersion is free of emulsifier.

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62. (new) The redispersible powder of claim 48 wherein said drying is by spray or freeze drying.

63. (new) The redispersible powder of claim 48 further comprising a redispersible powder of a second (co)polymer.

64. (new) The redispersible powder of claim 63 wherein said second (co)polymer comprises monomers selected from vinyl acetate, ethylene, vinyl versatate, acrylate, methacrylate, styrene, butadiene and mixtures thereof.

65. (new) An aqueous dispersion comprising the redispersible powder of claim 48.

66. (new) A process for preparing a redispersible powder comprising:

- a) forming a (co)polymer having one or more reactive functional groups in an aqueous medium, said copolymer being polymerized from at least one cationic unsaturated monomer and at least one non-cationic unsaturated monomer to form an aqueous dispersion; and
- b) drying the aqueous dispersion.
